ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Off:	7. Org.
Chinmoy Datta	12-01-98	98-1237	-	x0467	3000Y	Dev

8. Title of Change: Turnover SUN patch and DCE CPL1 upgrade to VATC

9. Originator Signature	10. Date:	11. Class	12. Type:	13. Need Date:
Datta	11/30/98		CCR	12/6/98

14. Office Manager Signature	15. Date:	16. Date CCB Decision Needed:	17. Category of Change:	18. Priority:
	11/30/98	11/30/98	Other	Emergency

19. Documentation/Drawings Impacted:	20. Schedule Impact:	21. CI(s) Affected:
None		

22. Release Affected:	23. Date due to Customer:	24. Impl. Date:	25. Effectivity of Change:	26. Est. Cost
N/A		11/30/98		None

27. Source Reference: ☐NCR (attach) ☐Action Item ☐GSFC CCR ☐Tech Ref. ☐Other:

28. Description of Change: (use additional Sheets if necessary)

The upgrade of the VATC Sun machines with the SUN patches and DCE CPL1 patch is the last stage of the upgrade evaluation before the PSR of these COTS can take place.

This upgrade is extremely urgent if the PSR for the SUN and DCE CPL1 upgrades is to be carried out before December 17th, 1998 in order to give EDC a chance to upgrade before their pre-launch freeze.

29. Proposed Solution: (use additional sheets if necessary)

Deliver the 2 tar files to the SMC for VATC only:

Sun_2.5.1_patches_9806.tar.gz and dce11.sol25.CPL1.domestic.tar.gz

The upgrade needs to be conducted according to the instructions on the following sheet and the attached instructions should be redlined and returned to the Originator to be incorporated into the PSR document for the DAACs.

30. Alternate Solution: (use additional sheets if necessary)

None

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)

EDC will not be able to upgrade before their freeze in January 1999.

32. Does Change Affect Any of the following (Please Explain on additional sheet):

☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☐Support ☒Test ☐Baseline (XRP) ☒Y2K Compliance

33. Organization(s) Affected: ☐CM ☐Clearcase SG ☐Contracts ☐Chief Eng ☐FOS ☐M&O ☐QO ☒Rel Dev ☐Procurement ☒RTSC ☐Sci. Data Eng ☐Security ☐Sys. Dev. ☐Sys. Eng. ☒Sys Verf Acpt ☐Other

34. Site(s) Affected: ☐EDF ☐Mini-DAAC ☒VATC ☐EDC ☐GSFC ☐LaRC ☐NSIDC ☒SMC ☐AK ☐JPL ☐EOC ☐Other

35. Board Comments:

36. Work Assigned To: RTSC

37. Release Authorized (For CM Use Only): ☐Yes ☐No

38. CM Verified/Signature and Date

39. EDF/REL2 CCB Chair (Sign/Date): 12/1/98

40. Disposition: ☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS

41. ESDIS ERB Concurrence:

42. ECS CCB Chair (Sign/Date):

43. Disposition: App ☐ A/C ☐ DisApproved ☐ Withdraw ☐

44. CCR Closed Date:

ORIGINAL

ADDITIONAL SHEET

CCR #: 98-1237 **Rev:** — **Originator:** Chinmoy Datta

Telephone: x0467 **Office:** 3000Y

Title of Change: Turnover SUN patch and DCE CPL1 upgrade to VATC

The upgrade of the VATC SUN machines will be performed over a period of 4 days on the machines listed in the attached spreadsheets and summarized below:

Day 1	t1code1	t1acs02	t1ais03	t1dms02	t1ais01	t1mss03	t1dps04	t1mss07
Day 2	t1sps02	t1dps01	t1acs03	t1mss06	t1pls01	t1pls02		
Day 3	t1ins02	t1mss02	t1mss04					
Day 4	t1ins01	t1css01						

On each of these days, the upgrade steps for each machine will be:

1. Retrieve the tar files from SMC, once only (see Appendix B.1 of the SUN and CPL1 PSR documents)
2. Before the system is taken down (see Appendix B.2 of the SUN and CPL1 PSR documents):
   - verifying available disk space and
   - extract the patches from the Solaris tar file in preparation for the install.
3. Take the system down
4. Install the PROM patches which require opening up the machines (see Appendix B.4 of the SUN PSR document):
   103346-13 for the Ultra Enterpirse 3x00/4x00/5x00/6x00
   104169-06 for the Ultra 2 standalone
   104288-05 for the Ultra 1E standalone
   104881-05 for the Ultra 1 (non-E) standalone
   105930-03 for the Ultra 30 standalone
   106121-03 for the Ultra 5/10 standalone
   106122-02 for the Enterprise 450 / Ultra 450 FW
5. Executing the patch cluster install script (see Appendix B.3 of the SUN PSR document)
6. Verifying the Solaris patch installation (see Appendix C of the SUN PSR document)
7. Installing the DCE CPL1 patch (see Appendix B.3 of the CPL1 PSR document)
8. Verifying the CPL1 installation (see Appendix C of the CPL1 PSR document)
9. Bring the system back up.

NOTE:

- Step 4 is listed prior to step 5 and is in contradiction to the PSR instructions. However this is deliberate in order to save time and due to the intention of running step 4 overnight
- Steps 6 & 7 may be reversed if it is deemed that it would also save time although it would also then be in contradiction to the PSR instructions.

Finally on Day 4 (assuming it is a weekend and the system may be down during the day), the individual Solaris firmware patches will be installed on all the SUN machines.

Any problems found with the attached instructions should be redlined and returned to the Originator of this CCR.

Attached are:

1. The VATC upgrade schedule indicating which machines and approx upgrade times per day.
2. Sections of the draft PSR document for DCE CPL1 upgrade with instructions.
3. Sections of the draft PSR document for the SUN Solaris upgrade with instructions

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